

Rabbit anti-Mouse Ki67 Monoclonal Antibody | anti-Mki67 antibody

Ki67 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28581	Rabbit	Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Ki67; Monoclonal Antibody; Ki67 Rabbit PolymAb; Ki-67; D630048A14Rik; anti-Mki67 antibody

PRODUCT SPECIFICATIONS

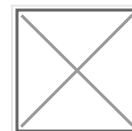
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	DETTKIALQS PQPGHIINPA SMKRQSNMSL RKDMREFSIL EKQTQSRGRD AGTPAPMQEE NGTTAIMETP KQKLDFIGNS TGHKRRPRTPT KNRAQPLEDL DGFQELFQTP AGASDPVSVE ESAKISLASS QAEPV RTPAS TKRRSKTGLS KVDVRQEPST LGKRMKSLGR APGTPAPVQE ENDSTAFMET PKQKLDFTGN SSGHKRRPQT PKIRAQPLED LDGFQELFQT PAGANDSVTV EESVKMSLES SQAEPVKTPA STKRLSKTGL SKVDVREDPS ILEKKTSPG TPAPVQEEND CTAFMETPKQ KLDFTGNSSG HKRRPRTPKI RAQPLEDLDG FQELFQTP
Applicable Applications for anti-Mki67 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:1000-1:5000 IHC-P: 1:2000-1:12000 IF/ICC: 1:2000-1:5000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1816-2163 of mouse Ki67 (NP_001074586.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of NIH/3T3 cells using Ki67 Rabbit PolymAb® (AAA28581, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



ICC (Immunocytochemistry)

Confocal imaging of RAW 264.7 cells using Ki67 Rabbit PolymAb® (AAA28581, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



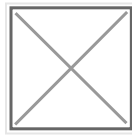
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse spleen tissue using Ki67 Rabbit PolymAb® (AAA28581, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



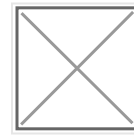
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Rat spleen tissue using Ki67 Rabbit PolymAb® (AAA28581, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using Ki67 Rabbit PolymAb® (AAA28581) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using Ki67 Rabbit PolymAb® (AAA28581) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-Mki67 antibody	Predicted to enable protein C-terminus binding activity. Involved in regulation of chromatin organization. Acts upstream of or within cholangiocyte proliferation; hepatocyte proliferation; and meiotic cell cycle. Located in chromosome; cytoplasm; and nucleolus. Is expressed in several structures, including alimentary system; brain; genitourinary system; sensory organ; and skin. Human ortholog(s) of this gene implicated in Crohn's disease; breast cancer; human immunodeficiency virus infectious disease; and pancreatic cancer. Orthologous to human MKI67 (marker of proliferation Ki-67).
Product Categories/Family for anti-Mki67 antibody	Cell Biology Cell Cycle Markers Neuroscience Cell Type Marker Neuron marker Soma marker Tags & Cell Markers Cell Type Markers Replication Neuroscience Neurology process Neurogenesis Cancer Cell cycle Cell division Cancer Tumor biomarkers Other Neuroscience Deve

NCBI AND UNIPROT INFORMATION

NCBI GI #	169234624
NCBI GeneID	17345
NCBI Accession #	NP_001074586.2
NCBI GenBank Nucleotide #	NM_001081117.2
UniProt Accession #	E9PVX6; Q61769; Q7TSF6
Molecular Weight	Calculated MW: 351kDa Observed MW: 359kDa??
UniProt Protein Name	Proliferation marker protein Ki-67
UniProt Gene Name	Mki67
UniProt Synonym Gene Names	Antigen KI-67 homologCurated; Antigen Ki67 homologCurated

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ki67-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28581>